

FIG. 1A

42	-0.33	===D
43	-0.83	=====L
44	-0.83	=====I
45	-0.83	=====L
46	-0.48	=====N
47	-0.47	=====N
48	0.00	G
49	-0.38	=====L
50	-0.33	=====L
51	0.47	S=====
52	0.12	S=
53	-0.02	D
54	-0.90	=====Y
55	-0.02	V
56	0.27	E=====
57	-0.23	==I
58	0.57	H=====
59	0.65	Y=====
60	1.07	E=====
61	0.58	N=====
62	0.60	G=====
63	1.10	K=====
64	0.60	P=====
65	0.60	Q=====
66	1.07	y=====
67	0.97	S=====
68	0.75	K=====
69	-0.13	=G
70	-0.52	=====G
71	-0.60	=====E
72	-1.10	=====H
73	-0.97	=====C
74	-1.10	=====Y
75	-0.22	==Y
76	0.17	H==
77	0.00	G
78	0.50	S=====
79	0.95	I=====
80	1.30	R=====
81	1.30	G=====
82	1.05	V=====
83	1.22	K=====
84	0.42	D=====
85	-0.65	=====S

FIG. 1B

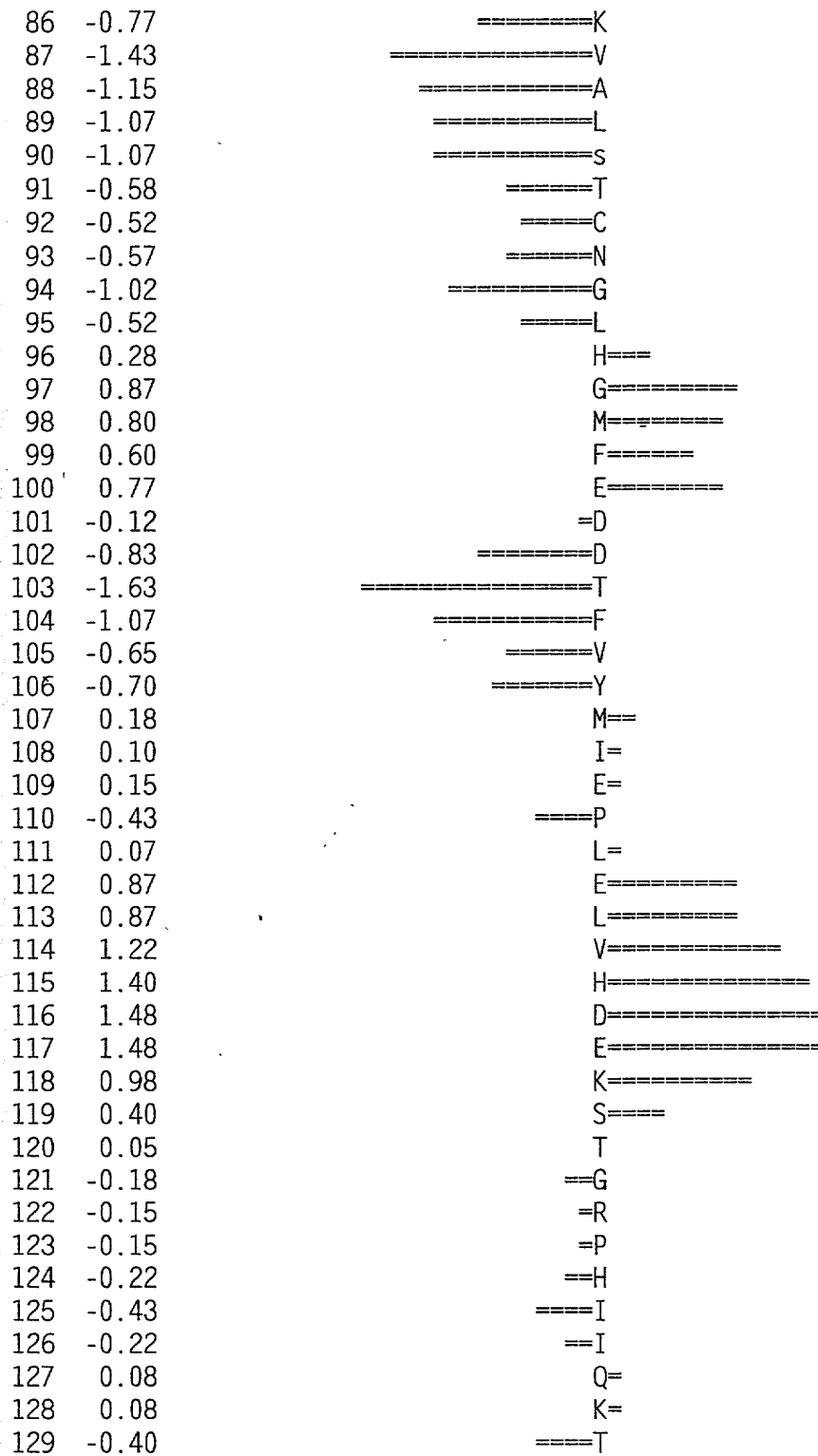


FIG. 1C

130 -0.28
 131 0.52
 132 0.63
 133 0.42
 134 0.88
 135 0.90
 136 0.55
 137 -0.02
 138 -0.27
 139 0.45
 140 0.45
 141 0.42
 142 1.22
 143 1.32
 144 1.37
 145 0.87
 146 -0.05
 147 -0.35
 148 -0.80
 149 -0.33
 150 -0.47
 151 -0.43
 152 -0.58
 153 -0.58
 154 -0.13
 155 -0.13
 156 0.67
 157 1.13
 158 2.20
 159 2.42
 160 1.67
 161 1.20
 162 0.70
 163 0.25
 164 0.25
 165 0.33
 166 0.28
 167 -0.17
 168 0.33
 169 0.78
 170 0.07
 171 0.57
 172 0.48
 173 0.60

==L
 A====
 G====
 Q====
 y=====
 S=====
 K=====
 Q
 ==M
 K=====
 N=====
 L=====
 T=====
 M=====
 E=====
 R=====
 =G
 ==D
 =====Q
 ==W
 =====P
 =====F
 =====L
 =====S
 =E
 =L
 Q=====
 W=====
 L=====
 K=====
 R=====
 R=====
 K=====
 R=====
 A=====
 V=====
 N=====
 ==P
 S=====
 R=====
 G=
 I=====
 F=====
 E=====

FIG. 1D

174	0.60	E=====
175	-0.20	==M
176	-0.20	==K
177	-1.00	=====Y
178	-0.62	=====L
179	-0.28	==E
180	-0.28	==L
181	0.33	M==
182	1.05	I=====
183	1.28	G=====
184	1.30	N=====
185	1.77	D=====
186	1.77	h=====
187	1.77	K=====
188	1.77	T=====
189	1.88	y=====
190	1.92	K=====
191	1.33	K=====
192	0.75	h=====
193	0.35	R=====
194	-0.22	==S
195	-0.23	==S
196	-0.25	==H
197	-0.58	=====A
198	-0.58	=====H
199	0.00	T
200	0.12	N=
201	-0.17	==N
202	-0.45	=====F
203	0.00	A
204	-0.22	==K
205	-0.97	=====S
206	-0.52	=====V
207	-0.22	==V
208	-0.27	==N
209	-0.68	=====L
210	0.12	V=
211	0.87	D=====
212	0.40	S=====
213	0.05	I=
214	0.38	Y=====
215	0.70	K=====
216	0.70	E=====
217	-0.05	Q

FIG. 1E

218	-0.33	==L
219	-0.33	==N
220	-0.62	=====T
221	-0.63	=====R
222	-1.38	=====V
223	-0.63	=====V
224	-0.45	=====L
225	-0.32	==V
226	-0.13	=A
227	0.45	V=====
228	1.20	E=====
229	1.20	T=====
230	1.30	w=====
231	1.17	T=====
232	1.73	E=====
233	0.93	K=====
234	0.37	D=====
235	-0.20	==Q
236	-0.20	==I
237	0.10	D=
238	-0.65	=====I
239	-0.32	==T
240	-0.47	=====T
241	-0.70	=====N
242	-0.82	=====P
243	-0.32	==V
244	-0.48	=====Q
245	-0.47	=====M
246	0.25	L=====
247	0.57	H=====
248	1.15	E=====
249	0.68	F=====
250	1.60	S=====
251	1.25	K=====
252	1.25	y=====
253	1.27	R=====
254	0.68	Q=====
255	0.57	R=====
256	0.57	I=====
257	0.78	K=====
258	0.03	Q
259	-0.08	=H
260	-0.30	==A
261	-0.52	=====D

FIG. 1F

262	-0.97	=====A
263	-0.38	====V
264	-0.38	====H
265	-0.37	====L
266	-0.48	====I
267	-0.27	====S
268	-0.70	=====R
269	-0.70	=====V
270	0.05	T=
271	0.17	F==
272	0.63	H=====
273	0.42	Y=====
274	0.85	K=====
275	-0.03	R
276	-0.95	=====S
277	-0.50	====S
278	-0.55	====L
279	-0.50	====S
280	-0.72	=====Y
281	-0.28	====F
282	0.63	E=====
283	0.07	G=
284	0.57	V=====
285	0.82	C=====
286	0.73	S=====
287	0.68	R=====
288	-0.07	=T
289	0.03	R
290	0.03	G
291	0.05	V=
292	0.30	G=====
293	0.00	V
294	0.25	N=====
295	0.00	E
296	-0.58	=====y
297	-0.85	=====G
298	-0.93	=====L
299	-0.60	=====P
300	-0.85	=====M
301	-0.93	=====A
302	-0.80	=====V
303	-0.52	=====A
304	-0.38	=====Q
305	-0.72	=====V

FIG. 1G

306	-0.55	=====L
307	-0.22	==S
308	-0.23	==Q
309	-0.57	=====S
310	-0.62	=====L
311	-0.62	=====A
312	-0.50	=====Q
313	-1.10	=====N
314	-0.63	=====L
315	-0.33	==G
316	-0.28	==I
317	0.07	Q=
318	0.53	W=====
319	1.60	E=====
320	1.10	P=====
321	1.60	S=====
322	1.38	S=====
323	1.83	R=====
324	1.17	K=====
325	0.60	P=====
326	1.10	K=====
327	0.65	C=====
328	0.65	D=====
329	0.15	C=
330	0.32	T==
331	0.22	E==
332	-0.58	=====S
333	-0.85	=====W
334	-0.18	==G
335	0.32	G==
336	0.25	C==
337	0.42	I==
338	0.47	M=====
339	0.73	E=====
340	0.15	E=
341	-0.30	==T
342	0.27	G==
343	0.77	V=====
344	0.60	S=====
345	0.60	H=====
346	1.18	S=====
347	0.97	R=====
348	0.52	K=====
349	-0.28	==F

FIG. 1H

9/17

350	-0.17	==S
351	0.28	K==
352	-0.60	=====C
353	0.07	S=
354	0.52	I=====
355	0.40	L=====
356	0.40	E=====
357	-0.07	=Y
358	0.82	R=====
359	0.32	D==
360	-0.18	==F
361	-0.33	==L
362	-0.12	=Q
363	-0.32	==R
364	-1.12	=====G
365	-1.53	=====G
366	-1.50	=====g
367	-0.43	==A
368	-0.35	==C
369	-0.25	==L
370	0.55	F=====
371	0.67	N=====
372	0.22	R==
373	0.22	P==
374	0.22	T==
375	0.22	K==
376	0.22	L==
377	0.35	F=====
378	0.77	E=====
379	0.30	P=====
380	0.30	T=====
381	-0.02	E
382	-0.77	=====C
383	-0.10	=G
384	-0.18	==N
385	-0.22	==G
386	0.28	Y=====
387	1.17	V=====
388	1.25	E=====
389	1.25	A=====
390	1.17	G=====
391	1.17	E=====
392	0.25	E=====
393	-0.33	==C

FIG. 11

10/17

394	-0.42	====D
395	-0.42	====C
396	-0.42	====G
397	-0.80	=====F
398	-0.38	====H
399	-0.60	=====V
400	-0.52	=====E
401	-1.18	=====C
402	-0.52	=====Y
403	0.37	G=====
404	0.20	L=====
405	0.55	C=====
406	0.42	C=====
407	0.63	K=====
408	0.17	K=====
409	-0.33	==C
410	-0.25	==S
411	-0.38	====L
412	-0.25	==S
413	-0.25	==N
414	0.22	G==
415	0.22	A==
416	0.30	H=====
417	0.22	C==
418	0.22	S==
419	0.20	D==
420	-0.27	==G
421	-0.33	==P
422	-0.28	==C
423	-0.28	==C
424	-0.42	====N
425	-0.87	=====N
426	-0.87	=====T
427	-0.80	=====S
428	-0.35	==C
429	-0.18	==L
430	0.13	F=
431	1.05	Q=====
432	0.85	P=====
433	1.35	R=====
434	1.35	G=====
435	1.27	y=====
436	1.00	E=====
437	0.53	C=====

FIG. 1J

11/17

438 1.20
 439 0.53
 440 0.53
 441 0.32
 442 0.50
 443 0.97
 444 0.08
 445 0.08
 446 -0.48
 447 -0.18
 448 0.38
 449 -0.07
 450 0.32
 451 0.52
 452 0.42
 453 0.42
 454 -0.08
 455 -0.10
 456 -0.40
 457 -0.52
 458 0.15
 459 0.18
 460 0.68
 461 0.65
 462 0.57
 463 0.57
 464 -0.10
 465 -0.10
 466 -0.57
 467 -0.53
 468 -0.12
 469 -0.03
 470 0.63
 471 0.43
 472 0.02
 473 0.02
 474 -0.02
 475 0.48
 476 -0.18
 477 0.48
 478 0.80
 479 1.27
 480 1.77
 481 1.30

R=====

D=====

A=====

V=====

N=====

E=====

C=====

D=====

====I

==T

E=====

=Y

C=====

T=====

G=====

D=====

=S

=G

====Q

====C

P=====

P=====

N=====

L=====

H=====

K=====

=Q

=D

====G

====Y

=A

C

N=====

Q=====

N

Q

G

R=====

==C

Y=====

N=====

G=====

E=====

C=====

FIG. 1K

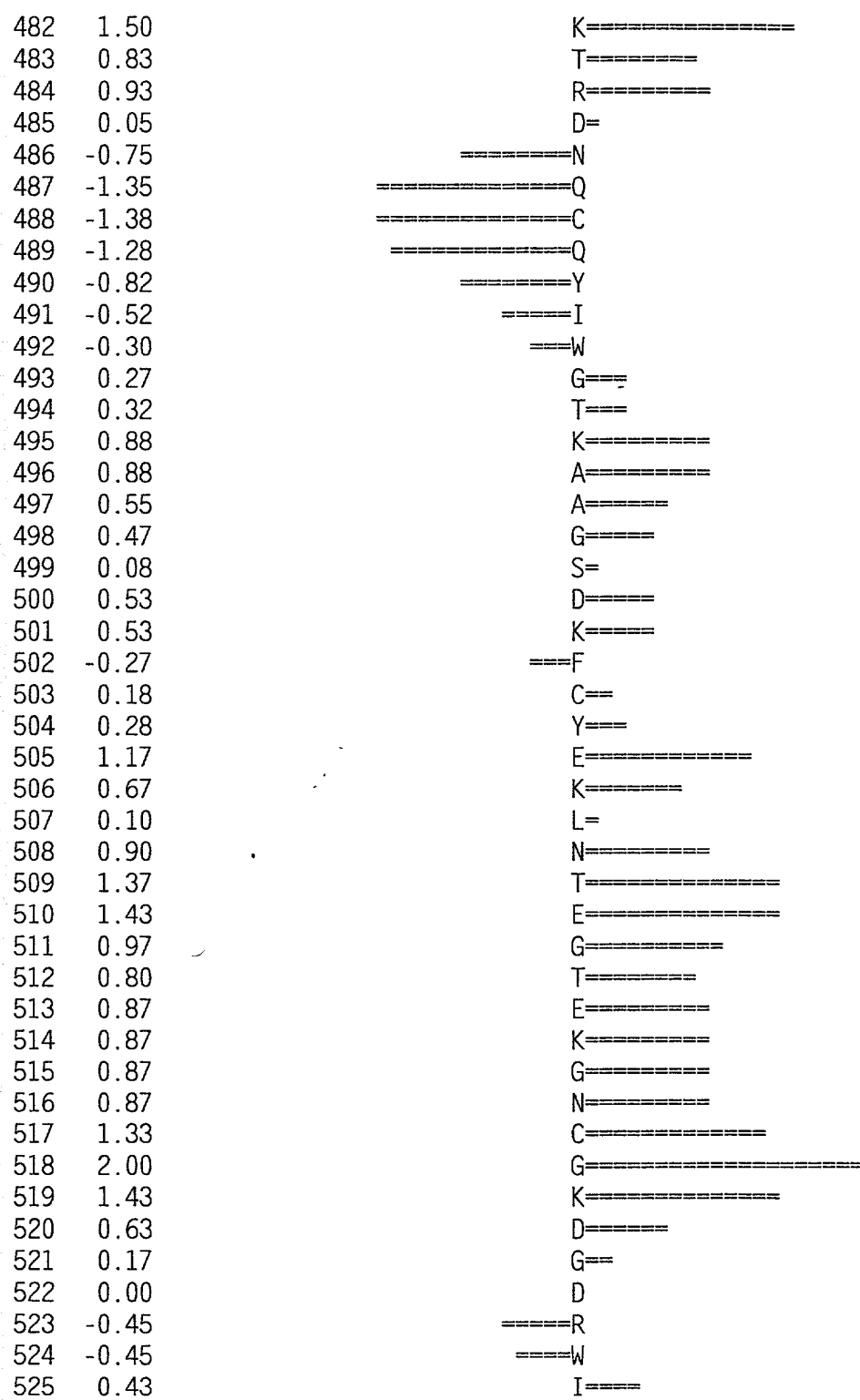


FIG. 1L

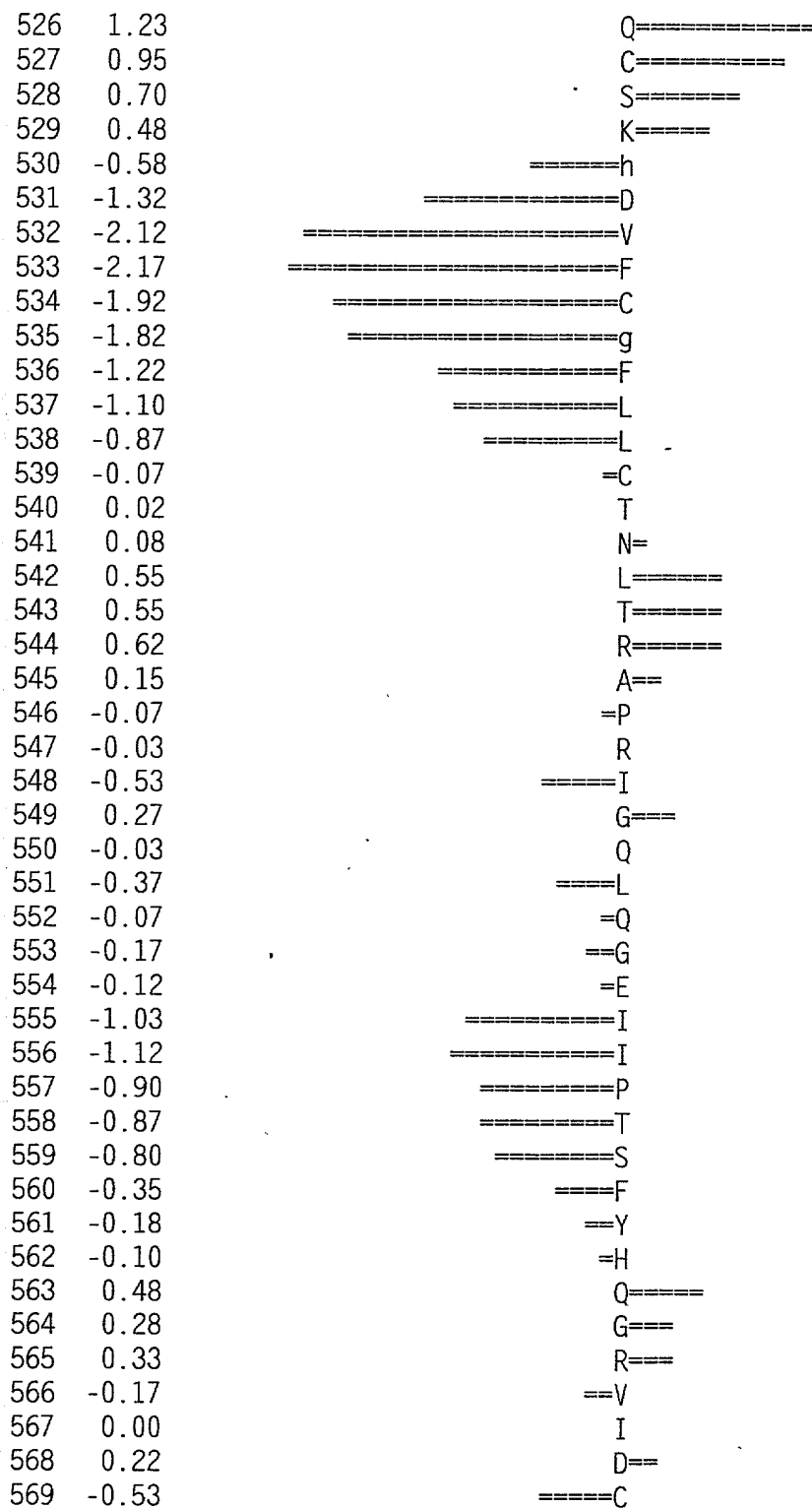


FIG. 1M

570	-0.62	=====S
571	-0.97	=====G
572	-0.47	=====A
573	0.12	H=
574	0.70	V=====
575	0.88	V=====
576	1.63	L=====
577	1.68	D=====
578	1.18	D=====
579	0.30	D==
580	-0.45	=====T
581	0.12	D=
582	0.12	V=
583	0.37	G=====
584	0.30	Y=====
585	0.68	V=====
586	0.77	E=====
587	0.27	D=====
588	-0.23	==G
589	-0.18	==T
590	-0.33	==P
591	-0.55	=====C
592	-0.55	=====G
593	-0.85	=====P
594	-0.35	==S
595	0.10	M=
596	0.82	M=====
597	0.87	C=====
598	0.73	L=====
599	1.07	D=====
600	0.27	R=====
601	-0.20	==K
602	-0.78	=====C
603	-0.92	=====L
604	-0.58	=====Q
605	-0.83	=====I
606	-0.48	=====Q
607	-0.47	=====A
608	-0.55	=====L
609	-0.25	==N
610	-0.58	=====M
611	0.13	S=
612	0.13	S=
613	0.58	C=====

FIG. 1N